

CLAIMS

12.(new) A pool lighting system for use with a pool having an enclosure wall with an aperture of predetermined size extending through said wall, said lighting system having a flanged water fitting for sealing attachment to said pool wall to encompass said wall aperture, said water fitting having a water connection portion extending through said wall aperture for the transfer of water in relation to said pool; and a light fitting attached to the outer edge of said flanged water fitting, in externally extending offset cantilevered relation therewith, for location of said light fitting in use, on an imperforate portion of said enclosure wall.

13.(new) The pool lighting system as set forth in Claim 12, wherein said light fitting contains a substantially planar array of light-emitting diodes.

14.(new) The pool lighting system as set forth in Claim 12, wherein said water fitting connection portion includes an electrical access conduit extending along said connection portion, to extend, in use, past said wall aperture.

15.(new) The pool lighting system as set forth in Claim 12, wherein said light fitting portion is of shallow depth, having a diameter substantially greater than its thickness.

16. (new) The pool lighting system as set forth in Claim 13, wherein said light emitting diodes are selected from the group consisting of red, green and blue light emitting diodes.

17.(new) The pool lighting system as set forth in Claim 13, wherein said electrical access conduit houses a power cord connecting said array of diodes to an external power source.

18(new) The pool lighting system as set forth in Claim 17, wherein said external power source is a low-voltage power source.

19. (new) A pool lighting system in combination with an above-ground pool having a

pool enclosure wall with an aperture of predetermined size extending through said wall, said lighting system including a flanged water fitting having a water connection portion extending through said wall aperture with an externally threaded portion having a locking nut in threaded engagement thereon, securing said water fitting to said wall aperture in sealed, encompassing relation therewith; said flanged water fitting having a light fitting connected in adjoined, externally offset attached relation to the flange of said water fitting; said light fitting having a housing containing electric lamp means; and having a translucent cover; and power cord means connecting with said lamp means and extending through said water connection portion and said wall aperture, for connection to a power source located externally of said pool.

20.(new) The combination as set forth in Claim 19, said lamp means having a light array, including a plurality of light emitting diodes in substantially planar arrangement, having said translucent cover releasably secured to said housing; and attachment means securing said light array in releasably secured relation with said light assembly housing.

21. (new) The combination as set forth in Claim 20, said attachment means including a rib portion of said housing and a detent portion of said light array securing said light array in secured, disengageable relation with said housing.

22.(new) The combination as set forth in Claim 19, said power cord means including a length of spare turns of said cord located within said housing, in use to permit withdrawal of said lamp means to a position above the water level of said pool for servicing and replacement purposes.

Abstract of the Disclosure

A lighting system for use with an above-ground swimming pool includes a water access fixture fitting extending through an aperture in the pool wall, for connection with the pool circulation system; and incorporates a sealed light assembly fitting with a translucent cover; secured in depending adjoined, unitary relation with the access fixture water fitting. An extended electrical power cord connects with an external power supply and with the light assembly fitting, enabling removal of the light fitting light assembly from beneath the water, for repair or replacement. A rectifier/transformer 12-volt supply serves the planar array of LED lights, which may be R/G/B and programmed to give a spectrum of coloured lights.